Title (en)

Device, system and method for data access control

Title (de)

Vorrichtung, System und Verfahren zur Datenzugriffsteuerung

Title (fr)

Dispositif, système et procédé de commande d'accès de données

Publication

EP 1089156 A2 20010404 (EN)

Application

EP 00308631 A 20000929

Priority

US 40909199 A 19990930

Abstract (en)

The invention provides for control of access to data which is stored in an electronic data storage device (18) and enables various types of permissions to be set for determining access to the stored data such that, if an attempt is made to access particular data which does not have a suitable permission type, access is denied. It is implemented as an access control device (16), such as a chip, which controls all access to the data storage device (18). This implementation is adopted since such electronic devices are more difficult to "hack" for access by an unauthorized user. The invention has a number of different utilizations, such as for controlling access to credit card information; for identifying a user according to a PIN or other identification information; for controlling access to a particular location according to the identity of the user; and for controlling access to various types of data files, such as music files in theMP3 format and so forth. <IMAGE>

IPC 1-7

G06F 1/00; G06F 12/14

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